

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR03/01629

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C07D 221/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C07D 221/18

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN online, CA on CD, KIPASS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/46207 A2 (Glaxo group limited) 13 June 2002 (2002-06-13) page 7, line 7-30 example 1-2	1-6
A	US 5804576 A (Research Corporation Technologies, Inc.) 8 September 1998 (1998-09-08) scheme 1 section 37, line 49-50	1-6
A	US 4451405 A (Glaxo group limited) 29 May 1984 (1984-05-29) section 5, line 63-65	1-6
A	John F. Templeton, Samar Majid, and Angelina Marr, 'Zinc-Acetic Acid Reduction of the Steroid 4-En-3-one: Novel Conversion of the 4-En-3-one into the 2-En-4-one via a Vinyl Chloride, J. Chem. Soc. Perkin Trans. 1, 1990, Vol.9, p.2581-2584 page 2581 left column line 8-18; claim 1 page 2582 Experimental section 2a; claim 1	1
A	Peng Xia et al., 'Synthesis of N-substituted 3-Oxo-17beta-carboxamide-4-aza-5alpha-androstanes and the Tautomersim of 3-Oxo-4-aza-5-androstenes', Heterocycles, 1998, Vol.47(2), p.703-716 page 704, line 8-20; claim 1 page 705, line 12-page 706, line 2; claim 1	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family


Date of the actual completion of the international search

25 NOVEMBER 2003 (25.11.2003)

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
W00246207A2	13.06.2002	W00246207A3	2003-03-20
		NO20031995A0	02.05.2003
		GB0026876A0	20.12.2000
		EP1335930A2	20.08.2003
		CA2427709AA	13.06.2002
		AU0241624A5	18.06.2002
US5804576A	08.09.1998	US5804576A	08.09.1998
US4451405A	29.05.1984	AU8095782A	09.09.1982
		EP0059637A1	08.09.1982
		GB2093846A	08.09.1982
		JP57158800A	30.09.1982
		NZ199859A	19.10.1984
		US4451405A	29.05.1984
		ZA8201337A	23.02.1983